EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	("20010014522"|"20020004263"|"20020173150"|"20030045113"|"20040051153"|"20040063276"|"20040132272"|"20040171241"|"20040259339"|"20040266154"|"20050019992"|"20050085074"|"20050104114"|"4748131"|"5039349"|"5552627"|"5672525"|"5830802"|"6048803"|"6140163"|"6153509"|"6191463"|"6198144"|"6245605"|"6288419"|"6313003"|"6417551"|"6429105"|"6479362"|"6593229"|"6613682"|"6774012"|"7029999").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:08
L2	1	("5712208").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:08
L3	1772606	metal	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:09
L4	491656	oxidation or oxidiz$3	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:09
L5	6989	"nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:09
L6	14	3 with 4 with 5	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:14
L7	276199	halogen	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:14
L8	1971	3 with 4 with 7	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:14
L9	1687018	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
L10	1273	8 not 9	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
L11	597963	semiconductor	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
L12	92	10 and 11	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
S1	65379	"438"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/07 15:01
S2	0	semiconductor or ic or "integrated circuit" or microelectronic	US-PGPUB; USPAT	OR	OFF	2003/05/29 17:11
S3	5	("6191463"|"6198144"|"6245605"|"6479362"|"6613682").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50
S4	1103	"oxidation rates"	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50
S5	1486948	metal	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50

EAST Search History

S6	73703	polysilicon	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50
S7	0	S4 with S5 with S6	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:51
S8	4028	"oxidation rate"	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:51
S9	4	S5 with S6 with S8	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:53
S10	14618	oxidizes	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:53
S11	22121	S5 with S6	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:54
S12	10	S10 with S11	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:04
S13	11	polycide and reoxidation and "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:12
S14	0	metal with polysilicon with reoxidation with "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:13
S15	0	metal with polysilicon with (oxidation or oxidiz$3) with "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:13
S16	6131	"nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:41
S17	6160	polycide	US-PGPUB; USPAT	OR	OFF	2005/12/20 14:26
S18	179	S16 and S17	US-PGPUB; USPAT	OR	OFF	2005/12/20 14:27
S19	5	("6191463"|"6198144"|"6245605"|"6479362"|"6613682").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S20	167806	nitride	US-PGPUB; USPAT	OR	OFF	2005/12/20 15:02
S21	417	S16 with S20	US-PGPUB; USPAT	OR	OFF	2005/12/20 15:02
S22	25	S17 and S21	US-PGPUB; USPAT	OR	OFF	2005/12/20 15:51
S23	159501	fluorine	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:16
S24	2644	S20 with S23	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:16
S25	343356	cap	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:16
S26	16	S24 with S25	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24
S27	365517	S25 or capping	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24

EAST Search History

S28	302	S23 with S27	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24
S29	22	S17 and S28	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24
S30	83222	polysilicon	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S31	453896	gate	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S32	171	S16 with S30	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S33	19	S31 with S32	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:18
S34	199	S23 with S30 with S31	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:20
S35	59	S34 and S17	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:20
S36	1	("5907188").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:16
S37	1398452	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:42
S38	617	polymetal	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:42
S39	5714	"re-oxidation" reoxidation	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:43
S40	2	S38 with S39	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:43
S41	635	"post oxidation"	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:43
S42	2	S38 with S41	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S43	1089880	selective selectively	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S44	461674	oxidation oxidiz$3	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S45	19406	S43 with S44	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S46	113	S38 and S45	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49
S47	40	S38 and S39	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49
S48	16	S38 and S41	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49
S49	54	S47 or S48	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49

EAST Search History

S50	618	polymetal	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:19
S51	462706	oxidation oxidiz$3	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S52	336224	halogen or fluorine	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S53	132	S50 and S51 and S52	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S54	6488	"nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S55	338169	S52 or S54	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S56	132	S50 and S51 and S55	US-PGPUB; USPAT	OR	OFF	2006/06/12 16:55
S57	1678567	metal	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S58	89166	polysilicon	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S59	463085	oxidation oxidiz$3	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S60	1481526	w or tungsten	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S61	2566470	S57 or S60	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:26
S62	1395089	reducing or halogen or "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:28
S63	162	S58 same S59 same S61 same S62	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:51
S64	1	("5672525").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:51

| S65 | 80 | (US-20050218435-$ or
US-20050093024-$ or
US-20050062115-$ or
US-20040259339-$ or
US-20040152340-$ or
US-20040051153-$ or
US-20020197856-$ or
US-20030045113-$ or
US-20020173150-$ or
US-20020137297-$ or
US-20020056874-$ or
US-20020004263-$ or
US-20010039116-$ or
US-20050045588-$ or
US-20020185469-$ or
US-20020055262-$ or
US-20020136970-$ or
US-20050136579-$ or
US-20040266154-$ or
US-20050087880-$ or
US-20050019992-$ or
US-20040171241-$ or
US-20030207556-$ or
US-20030040183-$ or
US-20010033023-$ or
US-20010025999-$).did. or
(US-20040018708-$ or
US-20010010966-$ or
US-20020119648-$ or
US-20010014522-$ or
US-20060110913-$ or
US-20020011461-$ or
US-20040002223-$ or
US-20040063276-$ or
US-20040063313-$ or
US-20040132272-$ or
US-20050085074-$ or
US-20060003565-$ or
US-20060009046-$ or
US-20060051921-$ or
US-20060110900-$).did. or
(US-7049187-$ or US-6936550-$ or
US-6890843-$ or US-6838327-$ or
US-6784038-$ or US-6500720-$ or
US-6323115-$ or US-6593229-$ or
US-6541362-$ or US-6774012-$ or
US-6458714-$ or US-5814863-$ or
US-5672525-$ or US-5552627-$ or
US-5219485-$ or US-5200028-$ or
US-5118387-$ or US-5112435-$ or
US-4778563-$ or US-5180464-$ or
US-4748131-$ or US-6611060-$ or
US-5907188-$ or US-7029999-$ or
US-6849544-$ or US-6723665-$).did.
or (US-6720657-$ or US-6417551-$ or
US-6291868-$ or US-6277722-$ or
US-6362086-$ or US-6228752-$ or
US-5620615-$ or US-6198144-$ or
US-6288419-$ or US-6303483-$ or | US-PGPUB;
USPAT | OR | OFF | 2006/06/13 16:59 |

EAST Search History

S66	370	cvd with (reducing or "nf.sub.3") with (nitride or polysilicon or w or tungsten)	US-PGPUB; USPAT	OR	OFF	2006/06/13 17:00
S67	51	cvd with "nf.sub.3" with (nitride or polysilicon or w or tungsten)	US-PGPUB; USPAT	OR	OFF	2006/06/13 17:01

| S68 | 82 | (US-20020055262-$ or
US-20020136970-$ or
US-20020185469-$ or
US-20020197856-$ or
US-20030071316-$ or
US-20050045588-$ or
US-20050085074-$ or
US-20040063276-$ or
US-20020119648-$ or
US-20050093024-$ or
US-20040171241-$ or
US-20040152340-$ or
US-20050087880-$ or
US-20030045113-$ or
US-20020173150-$ or
US-20010039116-$ or
US-20030207556-$ or
US-20060003565-$ or
US-20010010966-$ or
US-20020011461-$ or
US-20030040183-$ or
US-20050136579-$ or
US-20040063313-$ or
US-20050062115-$ or
US-20040259339-$ or
US-20040018708-$).did. or
(US-20060110900-$ or
US-20010025999-$ or
US-20010014522-$ or
US-20040051153-$ or
US-20060009046-$ or
US-20040266154-$ or
US-20040002223-$ or
US-20060110913-$ or
US-20050019992-$ or
US-20060051921-$ or
US-20040132272-$ or
US-20030035884-$ or
US-20020056874-$ or
US-20050218435-$ or
US-20020004263-$ or
US-20010033023-$ or
US-20020137297-$).did. or
(US-5672525-$ or US-5814863-$ or
US-6198144-$ or US-6458714-$ or
US-6774012-$ or US-6288419-$ or
US-5907188-$ or US-6362086-$ or
US-5552627-$ or US-6303483-$ or
US-6291868-$ or US-6228752-$ or
US-6936550-$ or US-6521517-$ or
US-6521550-$ or US-5200028-$ or
US-6417551-$ or US-6784038-$ or
US-6723665-$ or US-6720657-$ or
US-6514842-$ or US-5219485-$ or
US-6541362-$ or US-4778563-$ or
US-4748131-$ or US-6323115-$).did.
or (US-6838327-$ or US-6890843-$ or
US-6849544-$ or US-7029999-$ or
US-6593229-$ or US-5118387-$ or | US-PGPUB;
USPAT | OR | OFF | 2006/06/14 16:16 |

EAST Search History

S69	1412069	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2006/06/14 16:16
S70	38	S68 not S69	US-PGPUB; USPAT	OR	OFF	2006/06/14 16:45
S71	1	("6198144").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:27
S72	1	("20010014522").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:36
S73	3270	"fluorine compound"	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:36
S74	1728063	polysilicon or metal or nitride	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:36
S75	107605	cvd	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37
S76	1331777	layer	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37
S77	21498	S74 with S75 with S76	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37
S78	2	S73 with S77	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37

S79	82	(US-20060051921-$ or	US-PGPUB;	OR	OFF	2006/06/14 17:57
		US-20060110913-$ or	USPAT			

(US-20060051921-$ or
US-20060110913-$ or
US-20060003565-$ or
US-20060110900-$ or
US-20060009046-$ or
US-20050218435-$ or
US-20050136579-$ or
US-20050093024-$ or
US-20050019992-$ or
US-20050087880-$ or
US-20050085074-$ or
US-20050062115-$ or
US-20040171241-$ or
US-20050045588-$ or
US-20040266154-$ or
US-20040259339-$ or
US-20040152340-$ or
US-20040132272-$ or
US-20040063313-$ or
US-20040002223-$ or
US-20030207556-$ or
US-20040063276-$ or
US-20040051153-$ or
US-20040018708-$ or
US-20030035884-$ or
US-20030071316-$).did. or
(US-20030045113-$ or
US-20020173150-$ or
US-20030040183-$ or
US-20020197856-$ or
US-20020185469-$ or
US-20020055262-$ or
US-20020137297-$ or
US-20020136970-$ or
US-20020119648-$ or
US-20010039116-$ or
US-20020056874-$ or
US-20020011461-$ or
US-20010014522-$ or
US-20020004263-$ or
US-20010033023-$ or
US-20010025999-$ or
US-20010010966-$).did. or
(US-6936550-$ or US-6890843-$ or
US-7049187-$ or US-6838327-$ or
US-7029999-$ or US-6849544-$ or
US-6611060-$ or US-6784038-$ or
US-6774012-$ or US-6541362-$ or
US-6723665-$ or US-6720657-$ or
US-6593229-$ or US-6514842-$ or
US-6500720-$ or US-6521550-$ or
US-6521517-$ or US-6323115-$ or
US-6303483-$ or US-6458714-$ or
US-6417551-$ or US-6277722-$ or
US-6228752-$ or US-6362086-$ or
US-5907188-$ or US-5814863-$).did.
or (US-6291868-$ or US-6288419-$ or
US-5672525-$ or US-6198144-$ or
US-5219485-$ or US-5200028-$ or

EAST Search History

S80	33	("20010014522"|"20020004263"|"200 20173150"|"20030045113"|"20040051 153"|"20040063276"|"20040132272"|" 20040171241"|"20040259339"|"20040 266154"|"20050019992"|"2005008507 4"|"20050104114"|"4748131"|"503934 9"|"5552627"|"5672525"|"5830802"|"6 048803"|"6140163"|"6153509"|"61914 63"|"6198144"|"6245605"|"6288419"|" 6313003"|"6417551"|"6429105"|"6479 362"|"6593229"|"6613682"|"6774012" |"7029999").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:41
S81	6011	"re-oxidation" reoxidation	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:41
S82	7553	"nf.sub.3" "nitrogen trifluoride"	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:09
S83	134	S81 and S82	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:42
S84	1667358	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:43
S85	72	S83 not S84	US-PGPUB; USPAT	OR	OFF	2006/12/22 14:58
S86	1	("5,334,556").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 14:58
S87	1645	"nitrogen trifluoride"	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S88	7553	S82 or S87	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S89	134	S81 and S88	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S90	0	S89 not S83	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S91	1	("20060046398").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 16:17